



## SEQUENCE LISTING

- <110> Ikezu, Tsuneya  
University of Nebraska Medical Center
- <120> Methods and Compositions for the  
Treatment of Human Immunodeficiency Virus Infection
- <130> UNMC 63156
- <140> 10/732,706  
<141> 2003-12-10
- <150> 09/828,648  
<151> 2001-04-06
- <150> 60/246,331  
<151> 2000-11-06
- <160> 14
- <170> FastSEQ for Windows Version 3.0
- <210> 1  
<211> 3734  
<212> DNA  
<213> Homo sapiens

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Arg	Cys	Leu	Tyr	Arg	Asp	Val	Met	Leu	Glu	Leu	Tyr	Ser	His	Leu	Phe
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Cys	Gln	Glu	Arg	Glu	Phe	Gly	Leu	Glu	Ile	Pro	Gln	Lys	Glu	Ile	Ser
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Lys	Lys	Ala	Ser	Phe	Gln	Lys	Asp	Met	Val	Gly	Glu	Phe	Thr	Arg	Asp
		115					120					125			
Gly	Ser	Trp	Cys	Ser	Ile	Leu	Glu	Glu	Leu	Arg	Leu	Asp	Ala	Asp	Arg
		130				135						140			
Thr	Lys	Lys	Asp	Glu	Gln	Asn	Gln	Ile	Gln	Pro	Met	Ser	His	Ser	Ala
145					150					155					160
Phe	Phe	Asn	Lys	Lys	Thr	Leu	Asn	Thr	Glu	Ser	Asn	Cys	Glu	Tyr	Lys
				165					170					175	
Asp	Pro	Gly	Lys	Met	Ile	Arg	Thr	Arg	Pro	His	Leu	Ala	Ser	Ser	Gln
			180					185					190		
Lys	Gln	Pro	Gln	Lys	Cys	Cys	Leu	Phe	Thr	Glu	Ser	Leu	Lys	Leu	Asn
		195					200					205			
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35 40 45  
Arg Arg Leu Tyr Trp Asp Val Thr Leu Glu Asn Tyr Ser His Leu Leu  
50 55 60  
Ser Val Gly Tyr Gln Ile Pro Lys Ser Glu Ala Ala Phe Lys Leu Glu  
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Gln Gly Glu Gly Pro Trp Met Leu Glu Gly Glu Ala Pro His Gln Ser  
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Cys Ser Gly

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35 40 45  
Asn Leu Ala Ser Met Ala Gly Phe Leu Phe Thr Lys Pro Lys Val Ile  
50 55 60  
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65 70 75 80  
Pro Arg Tyr Phe

<210> 9  
<211> 99  
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<213> Homo sapiens

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35 40 45  
Arg Thr Met His Lys Asp Val Met Leu Glu Thr Tyr Ser Asn Leu Ala  
50 55 60  
Ser Val Gly Leu Cys Val Ala Lys Pro Glu Met Ile Phe Lys Leu Glu  
65 70 75 80  
Arg Gly Glu Glu Leu Trp Ile Leu Glu Glu Ser Ser Gly His Gly  
85 90 95  
Tyr Ser Gly

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Tyr Arg Asp Val Met Leu Glu Asn Tyr Ser Asn Leu Val Ser Val Gly  
35 40 45  
Tyr His Ile Ile Lys Pro Asp Val Ile Ser Lys Leu Glu Gln Gly Glu  
50 55 60  
Glu Pro Trp Ile Val Glu Gly Glu Phe Leu Leu Gln Ser Tyr Pro Asp  
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 <212> PRT  
 <213> Homo sapiens

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 35 40 45  
 Tyr Asp Thr Thr Lys Pro Asn Val Ile Ile Lys Leu Glu Gln Gly Glu  
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 Glu Pro Trp Ile Met Gly Gly Glu Phe Pro Cys Gln His Ser Pro  
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 <212> PRT  
 <213> Rattus norvegicus

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 Gln Lys Ala Leu Tyr Arg Asp Val Met Leu Glu Asn Tyr Cys His Phe  
 35 40 45  
 Ile Ser Val Gly Phe His Ile Thr Lys Pro Asp Met Ile Arg Lys Leu  
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